

# ABSTRACT OF CN 1178829

L8 ANSWER 9 OF 64 CA COPYRIGHT 2003 ACS on STN  
 AN 132:109799 CA  
 TI Macromolecular active solid detergent composition and preparation thereof  
 IN Lu, Xiujuan  
 PA Peop. Rep. China  
 SO Faming Zhuanli Shenqing Gongkai Shuomingshu, 6 pp.  
 CODEN: CNXXEV  
 DT Patent  
 LA Chinese  
 IC ICM C11D001-83  
 ICS C11D017-00  
 CC 46-6 (Surface Active Agents and Detergents)  
 Section cross-reference(s): 43

FAN.CNT 1

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE
PI	CN 1178829	A	19980415	CN 1996-120131	19961009
PRAI	CN 1996-120131		19961009		

AB The **detergent** is composed of anionic surfactant 25-30, Na<sub>2</sub>CO<sub>3</sub> 25-33, Na metasilicate 15-20, fluorescent brightener 0.5-1, CM-cellulose 0.1-0.7, nonionic surfactant 8-12, sodium EDTA 0.001-0.003, oleic acid 0.001-0.003, and essence 0.1-0.7 part, preferably anionic surfactant 27.5, Na<sub>2</sub>CO<sub>3</sub> 29, Na metasilicate 17.5, fluorescent brightener 0.7, CM-cellulose 0.4, nonionic surfactant 10, sodium EDTA 0.002, oleic acid 0.002, and essence 0.4 part. The **detergent** is prepd. by resp. grinding the raw material, mixing, **cooling** rapidly to -30.degree., **pelletizing**, and solidifying at 60-150.degree. to obtain the product with particle wt. of >0.15 g.

ST detergent macromol solid particle compn; surfactant metasilicate carbonate  
 fluorescent detergent prepn  
 IT Surfactants  
 (anionic; prepn. of macromol. active solid detergent compn. contg.)  
 IT Surfactants  
 (nonionic; prepn. of macromol. active solid detergent compn. contg.)  
 IT Detergents  
 (prepn. of macromol. active solid detergent compn.)  
 IT Fluorescent brighteners  
 (prepn. of macromol. active solid detergent compn. contg.)  
 IT 112-80-1, 9-Octadecenoic acid (9Z)-, uses 139-33-3 497-19-8, Sodium carbonate, uses 6834-92-0, Sodium metasilicate 9004-32-4, Carboxymethyl cellulose  
 RL: MOA (Modifier or additive use); TEM (Technical or engineered material use); USES (Uses)  
 (prepn. of macromol. active solid detergent compn. contg.)

=>